

Title (en)

Roller mill containing therein a rotary classifier.

Title (de)

Einen rotierenden Klassierer enthaltende Walzmühle.

Title (fr)

Broyeur à rouleaux contenant un classificateur rotatif.

Publication

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Application

EP 94106620 A 19940427

Priority

JP 18807293 A 19930729

Abstract (en)

A roller mill containing therein a rotary classifier, which has a classification performance improved, is disclosed. A weir 14 having an annular cross-section for diverting an air flow 4a separated from a carrier air flow 4 rising within a mill and flowing towards the center axis of the mill along a mill top ceiling surface 5 as containing coarse particles into a descending flow, is mounted to the mill top ceiling surface 5 coaxially with a rotary shaft of the rotary classifier radially on the outside of blades 7 of the rotary classifier, the bottom end of the weir 14 is located at the position where the above-mentioned descending flow is made to join with a main flow 4 of the carrier air flow rising within the mill, whereby coarse particles short-cutting the rotary classifier are eliminated so as to improve a classification performance. <IMAGE>

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